

$$1. 5(y + 4)$$

$$5y + 20$$

$$2. 6 + (y + 2)7$$

$$6 + 7y + 14$$

$$~~7y + 20~~$$

$$3. 3(4m + 1) + 8(2m + 1) + 4(m + 3)$$

$$\underline{12m} + -3 + \underline{16m} + 8 + \underline{4m} + -12$$

$$32m + -7$$

29.

$$3[9(x+4)+2(x+1)]$$

$$3[9x+36+2x+2]$$

$$3[11x+38]$$

$$33x+114$$

28.

$$9[5 + 3(x + d)]$$

$$9[5 + 3x + 3d]$$

$$45 + 27x + 27d$$

Warm Up Your Brain!

1)  $-425 + 378$

2)  $(-36)(22)$

3)  $\frac{-448}{-16}$

4)  $-237 - (659)$

5)  $-482 + (-326)$

6)  $-164 - (-581)$

Distributive Property - Day 2

$$1) 12ac + 3 - 15ac$$

$$2) m + 4m \quad \text{---} (2m \quad \text{---} 1)$$

$$\begin{array}{c} m + 4m + -2m + 1 \\ 3m + 1 \end{array}$$

$$3) 5(x + 3) \quad \text{---} 2(-x + 4)$$

$$\begin{array}{c} 5x + 15 + 2x - 8 \\ 7x + 7 \end{array}$$

$$4) 5 - 3x + 4(8x - 9)$$

$$5) 2[4x - 3(2x - 1) - (-x + 4)]$$

$$6) 2(4a - 3b + 5c) + (8a + 6b) + 7c + 4a$$

$$\underline{8a} + \underline{-6b} + \underline{10c} + \underline{-8a} + \underline{-6b} + \underline{7c} + \underline{4a}$$

$$-4a + -12b + 17c$$

$$7) \ 5(m - 4n - 3p) + 4(2m + 6p - 8n)$$

$$8) \ 2(m - 6n + 8p) - (2n + 6)$$



Homework:

Day 2 Distributive Property  
Worksheet